


<b>COGNEX</b> Vision for Industry ®  One Vision Drive Natick, MA 01760 Tel: (508) 650-3108 Fax: (508) 650-3329
--

**RECEIVED**  
**CENTRAL FAX CENTER**

FEB 17 2005

<b>CERTIFICATE OF TRANSMISSION</b>			
I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent & Trademark Office addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:			
Type or printed name	Cheryl Sloane		
Signature		Date	2/17/05

To: Examiner Manav Seth

Date: 2/17/05

Company: United States Patent &  
Trademark Office

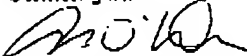
Fax: (703) 872-9306

Subject:

From: Arthur J. O'Dea

Page 1 of 10

NOTE: The following facsimile transmission contains confidential and privileged information of Cognex Corporation. This information is intended solely for the review and possession by the individual or entity named as the recipient hereof. If you are not the intended recipient or the employee/agent responsible for delivering this message to the intended recipient, you are hereby notified that any disclosure, distribution or copying of the content of this transmission is strictly prohibited. If you have received this transmission in error, please notify the sender immediately at the telephone number listed above.

**MESSAGE:****RE: 10/034,288****Method for Generating a Focused Image of an Object****Transmitted herewith is a Response to Office Action dated November 17, 2004.****Thank you for your assistance with this matter.****Please do not hesitate to contact me if you have any questions.****Thank you.****Arthur J. O'Dea**  
**Reg. No. 42,952**  
**(508) 650-3108**

**BEST AVAILABLE COPY****RECEIVED  
CENTRAL FAX CENTER**

FEB 17 2005

Docket Number: C01417

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **BACHELDER** Customer Number: **23459**  
Serial Number: **10/034,288** Group Art Unit: **2625**  
Filed: **12/21/2001** Examiner: **Manav Seth**  
Title: **METHOD FOR GENERATING A FOCUSED IMAGE OF AN OBJECT**

**Certificate of Mailing**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service, first class mail, with sufficient postage in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Date: 2/17/05By: Cheryl Sloane  
Cheryl Sloane

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

In response to the Office Action dated November 17, 2004, Applicant provides the following amendment and remarks:

- **Amendments to the Specification** begin on page 2 of this paper.
- **Remarks/Arguments** begin on page 3 of this paper